

Title (en)
Method and device for micro-dosing a liquid

Title (de)
Verfahren und Vorrichtung zur Mikrodosierung einer Flüssigkeit

Title (fr)
Procédé et dispositif pour le micro-dosage d'un liquide

Publication
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Application
EP 07024466 A 20071218

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Abstract (en)
[origin: EP2072072A1] The invention concerns a portable infusion pump for time controlled administration of insulin from a vial (1) with a displacement piston (2). The pump comprises a structure (3) for receiving the vial (1) and a drive unit (4) with a drive motor (5). The drive unit (4) is axially displaceable relative to said structure (3) by activating said drive motor (5), and at one end thereof comprises coupling means (14) for coupling it in a releasable manner to the piston (2) of the vial (1), in order to axially push the piston (2) inside the vial (1) upon an axial movement of the drive unit (4), thereby dispensing insulin from the vial (1). This concept allows the provision of ultra compact portable infusion pumps.

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